

CLAIMS

1. Opening and closing latch device (T), adapted to facilitate closing and/or opening of a movable part (58) of furniture with respect to the furniture (57), comprising a container (51, 81) defining an internal cavity with at least one open
5 side and comprising a sliding guide (60, 90),
characterised in that it also comprises:
- a sliding element (52), placed in the sliding guide and comprising a hook (68) at a first end, suitable to catch a hooking element (59) integral with said movable part (58),
 - 10 - elastic means (53), placed between the sliding element (52) and the container (51), so that the elastic means (53) exert an elastic force on the sliding element (52) suitable to make it slide, reacting on said container (51),
 - a track (40), placed on one side of the sliding guide (60, 90), with surface of the bottom defining a cam path and the plan layout of which forms a closed
15 geometrical figure,
 - tappet means (73), integral with the sliding element (52), suitable to travel along the cam path, so as to define a number of positions of the sliding element (52), corresponding to a release position, a lock position and two intermediate opening and closing positions of said movable part (58),
 - 20 and in that the sliding guide (60, 90) is inclined of an angle (α) with respect to the direction along which a closing and opening movement takes place between the movable part (58) and the furniture (57).
2. Latch device according the claim 1, wherein the container (51, 81) comprises an insert (50) essentially triangular in shape, one side of which defines a side of
25 the sliding guide (60, 90).
3. Latch device according the claim 2, wherein the track (40) is provided on the side of the sliding guide (60, 90) constituted by said insert (50, 80).
4. Latch device according the claim 3, wherein the container (51) comprises a cover (54), forming one of the sides of the cavity, and a base with connection
30 means (76) suitable to join the cover to the base.
5. Latch device according the claim 4, wherein the tappet means are formed of a ball (73) held in pressure against the bottom of the track (40) by a spring (72).